MEARNS

1896 N.Y.

Tamias striatus lysteri. - Feeding on mushrooms, wild cherries and a bulb (specimens saved in formaline). The parasite Cuterebra was found under the skin in the majority of the specimen.

Altitudes:—

Colonel's Chair trail ---	3200 feet
The Spring - - ---	3800 "
Kaaterskill Junction --	1700 "
East Kill Mountain —	3196? "
Hunter Mountain —	4025 "
Dynaptomys swamp —	3900 "
Peromyscus stump —	3600 "
Zapus insignis tree —	3650 "
Little Spring on rocky trail	3100 "
Balsam Swamp - ---	3700 "

Epilobium.

3891 Blarina brevicauda. ♀ ad. Hunter, N.Y. Aug. 8, 1896. Preserved in alcohol.

3892 Blarina brevicauda. ♀. do Preserved in formalin. Caught in daytime

3893 Tamias striatus lysteri. ♂ juv. do skin

3894 " " " ♂ ad. do "

3895 " " " ♀ juv. do "

3896 " " " ♀ juv. do

3897 " " " ♀ ad. Hunter, Greene Co., New York. Aug. 9, 1896. These 5 chipmunks contained "wolves" (grubs) in their abdominal + inguinal regions. Several preserved in formalin 250.096; head, 48; ear cr. 11; orifice 18; fur 36.

3898 Blarina brevicauda. ♂ ad. Preserved in formalin. Aug. 9, 1896.

3899 Peromyscus C. novaeboracensis ♂ ad. Head mutilated Preserved in alcohol. Aug. 10, 1896. Hunter, N.Y.

3900 Mus decumanus. ♂ yg. ad. Aug. 10, 1896. 335; 160; ear cr., 15; ear from notch, 20; head, 46; hind foot, 40 mm. Caught in beech woods. Skin + skull.

3901 Tamias striatus lysteri ♂ juv. Aug. 11, 1896 Preserved in alcohol.

3902 Peromyscus sex? do Mutilated. Preserved in alcohol.

3903 Blarina brevicauda, ♀ juv. Aug. 11, 1896

Ja 1

3904 Evotomys gapperi ♀ad. Hunter, New York Aug. 11. 1896. Mammae 3 pairs (2 pectoral +1 inguinal). 158; 46; ear crown, 9.5; notch, 14; head, 29; pes, 19 mm. 4 fetuses

3905 Peromyscus leucopus ♂ad. ♂ 151; 65; ear crown, 11.5; notch, 15; head, 29; pes, 20 mm.

3906 Sorex fumeus ♀. Aug. 12, 1896 116; 46; head 23, pes, 13.2 mm.

3907 Evotomys gapperi ♂ Aug. 12, 1896 140; 39; ear crown, 10; notch, 13.5; head, 29 hind foot, 19 mm. Caught same spot as 3904.

3908 Tamias striatus lysteri ♂ Aug 12, 1896 247; 95; pes, 36.

3909 Sciurus hudsonicus ♀ad. 318; 130; hairs, 190; ear crown, 14; orifice 23 head, 50; pes, 50. Trapped.

3910 Tamias striatus lysteri. ♀ad. Mammae 4 pairs head + body 153; ear crown, 13; notch, 19; head, 41; pes, 36.

3911 Tamias l. lysteri ♀ Aug. 12 Length 260; tail 105 mm

3912 " " " ♂ " " " 93 "

3913 " " " ♂ " " 230 " 88 "

3914 " " " ♀ " " 247 " 94 "

3915 Vespertigo fuscus ♀ad. Aug. 12. 120; 45; head, 21; ear crown, 13.5; ant. base, 15; wing from carpal, 80

Ja

3916 Sorex fumeus Miller. ♂ ad. Hunter, N.Y. Aug. 13, 1896
123; 45; hind, 24; fro, 13·2 mm. 2200 ft. alt.

3917 Blarina brevicauda. ♀ ad. do
122; 27; fro, 14·8.

3918 Peromyscus ~~leucopus~~. ♂ juv. do
160; 72. Testicles enlarged.

3919 Tamias striatus lysteri ♀. do
Preserved in alcohol.

3920 Ursus hudsonicus Erxleben. ♂ ad. do
320; 125; ears 185; head 51; ear crown, 14; orifice 23; notch, 24; hind foot, 50

3921 Blarina brevicauda ♀ ad. Aug. 14, 1896
Preserved in alcohol.

3922 Tamias striatus lysteri. ♀ juv. Aug. 14.
Preserved in alcohol.

3923 Ursus hudsonicus ♂ ad. Aug. 15, 1896.
295; 115; fro, 47 mm. Partly winter pelage

3924 Blarina brevicauda. ♀ ad. Aug. 15, 1896
Preserved in formaline

3925 Blarina brevicauda ♀ juv. Aug. 15, 1896
Preserved in formaline.

3926 Blarina brevicauda ♂ ad. Aug. 17, 1896
Preserved in alcohol.

3927 Blarina brevicauda ♀ ad. do
Preserved in alcohol.

3928 Tamias o. lysteri ♂ ad. Aug. 18, 1896
Preserved in alcohol.

Ja

3929 Peromyscus leucopus. ♂ad. Aug. 18, 1896
Kaaterskill Junction, Greene Co., New York
165; 75; ear crown, 13; notch, 17; head,
30. hind foot 22 mm. Caught in the
the woods across Deohara Creek.
3930 Peromyscus leucopus. ♂ad. do
Caught at the bridge over Deohara Creek
185; 84; 13; 17; 30; hfs, 22 mm.
3931 Blarina brevicauda ♀ad. do
Preserved in alcohol.
3932 Tamias striatus lysteri ♀ad. Aug. 18,
1896. Mammae. 4 pairs
3933 Putorius (Lutreola) vison ♂ im. Aug. 18,
1896. Dead animal found; had been
killed with shot & left on the spot
where found. Probably killed about
Aug. 10.
3934 Sciurus hudsonicus ♂. August 19, 1896
290; 115; ear crown, 14; notch, 23; head,
50; hind foot, 46 mm. Caught in cyclone
mammal trap baited with rolled oats.
3935 Evotomys gapperi ♂ad. do
149; 47 (hairs, 56); ear crown, 10; notch 14
head, 30; hfs, 20 mm.
3936 Evotomys gapperi. ♂ad do
146; 44; 52; ear crown, 8; notch, 12;
head, 28; hfs, 19 mm.

Ja

3937 Peromyscus canadensis. ♂ad. Aug. 19/96.
176; 84; ear crown, 14; notch, 17; hind, 29;
tail, 20 mm.

3938 Peromyscus leucopus ♂ad. do
170; 80; ear crown, 12; 16; 29; 20.3 mm.

3939 Peromyscus leucopus. ♂ad. do
175; 76; 12; 16; 29; 20.2 mm.

3940 Ovis aries. ♀ad. Skull without mandible.
August 20, 1896.

3941 Tamias striatus lysteri. ♀ad. A fair old
female trapped at the foot of a balsam
tree at the bridge, on Scoharie Creek.
Preserved in formaline.

3942 Blarina brevicauda. ♀ Bank of Scoharie Creek.
Preserved in formaline.

3943 Peromyscus canadensis ♂ ad. End of skin
of tail gone. Preserved in formaline.

3944 Tamias striatus lysteri. ♀ad. Near Kaaterskill
Junction. 255; 103; hind foot, 37 mm.

3945 Sciurus hudsonicus. ♀. Halfway up
Plateau mountain. 320; 137; hf, 51 mm

3946 Parascalops breweri Found dead in a
cow path 1/3 up Plateau mountain.
Skeleton preserved (in paper bag).

August 21, 1896.

3950 Peromyscus canadensis. ♀ juv. Woods near Kaaterskill Junction. Contained a wolf-worm in its neck. Send to Dr. Stiles
170; 82.

3947 Blarina brevicauda ♀. Woods near Kaaterskill Junction. 111; 21; fes, 14 mm.

3948 Tamias striatus lysteri. ♂ ad. Stoharie Creek at the bridge. 248; 93; ear crown, 11; notch, 18; head, 46; fes, 36. Wolf worm in scrotum. Send it to Dr. Stiles
Preserved in alcohol.

3949 Tamias striatus lysteri ♂. Woods near Kaaterskill Junction. 253; 97; ear crown 10.5; notch, 19; head, 46; fes, 36 mm.

3951 Vespertilio subulatus ♂ ad. August 21, 1896 Length, 93; tail, 36; calcar ex/anse 245 wing, 61; head, 16; ear crown, 10; ant. base, 12; tragus 5. Preserved in formaline

August 22, 1896. Kaaterskill Junction

3952 Sciurus hudsonicus ♂ ad. 315; 125; hairs (pencil) 47; ear crown, 14 ear (pencil) 9; ear notch 23; head, 53; hind foot, 48 mm.

3953 Peromyscus canadensis. ♂ juv Gray pelage. 160; 73 mm. Caught same spot as 3943.

(August 22 - Concluded.)

3954 Evotomys gapperi ♂ ad. August 22, 1896 Woods (under log) near Kaaterskill Junction. 143; 41; head, 28; ear crown, 9; ear notch (= ant base-about), 13; pes, 19 mm. Preserved in formaline.

3955 Yanias striatus Lysteri ♂ juv. Contained several wolf-worms. In alcohol.

3956 Blarina brevicauda ♀ Caught in daytime (bet. 9 a.m. + 3 P.M.) in a trap set this morning for the first time. Formaline.

August 23, 1896.

3958 Peromyscus leucopus ♂ juv. Mutilated. Caught beside the bridge on Schoharie Creek. In alcohol.

3959 Blarina brevicauda ♂ ad. 131; 28; pes, 15. In alcohol.

3957 " " ♀ "

3960 " " ♀ "

3961 " " ♀ "

3962 " " ♀ In formaline.

3963 Sorex fumeus ♂ ad. 124; 47; pes, 14 mm.

3964 Blarina brevicauda ♀ 123; 28; head 30; hind foot, 15 mm. Bank of Schoharie Creek.

3965 Blarina brevicauda ♀ 123; 28; head, 28; pes. 14.5 mm. Bank of Schoharie Creek.

3966 Zapus hudsonius ♂ ad. 213; 124; head, 26 Ear crown, 10; ant. base, 12.5; pes, 30 mm Caught beside Schoharie Creek at the bridge.

(August 23 – Concluded.)

3967 Zapus hudsonius ♂ juv. Bank of Scoharie Cr.
3968 Peromyscus leucopus ♂ ad. do
177; 82; ear crown, 12; notch, 17; head, 29; hfs, 22 mm.
3969 Peromyscus leucopus. ♂ juv. 160; 70.
3970 Peromyscus leucopus. ♀ juv. 147; 70 mm.
3971 Sciurus carolinensis. ♂. Bank of Scoharie Creek. 258; 70; black pencil, 40; head, 46; hfs, 34; ear crown, 8; ear notch, 19 mm.
3972 Tamias striatus lysteri. ♂ ad. 245; 92; ear crown, 14; notch, 19; hfs, 38 mm.

August 24, 1894.

3973 Mus musculus ♂ ad. In formaline
3974 Peromyscus leucopus ♂ juv. "
3975 " ♂ juv. "
3976 Blarina brevicauda ♀ juv. Skin + skull.
3977 Mephitis mephitica ♂ ? In alcohol

Mammals from Hunter Mountain.

3978 Sorex (Neosorex) albibarbis. ♀ Balsam swamp
3979 Microtus chrotorrhinus ♂ ad. About 600 feet belo
3980 Peromyscus canadensis. ♂ ad. Mamma 3 pair. Preston
3981 Blarina brevicauda ♀ . Trapped between the Creamery
3982 " " ♂ Trapped on the
3983 " " ♀ 600 feet (?) below summit.
3984 " " ♂ 300 " (?) " "
3985 Evotomys gapperi ♀ ad. Trapped on the ridge back of the
3986 " " ♂ ad. Balsam swamp below Big
3987 " " ♀ juv. 200 feet (?) below summit
3988 " " ♀ juv. do
3989 " " ♂ ad. 100 feet (?) below summit
3990 " " ♀ ad. Under ruins of lookout tower at
3991 " " ♀ ad. do
3992 " " ♂ ad. (Fine old male!) do
3993 " " ♂ ad. do
3994 " " ♂ ad. do

(♀ ad. mamma 4 pair. ♂ ad. mamma 3 pair.)

August 26

3995 Blarina brevicauda ♀ ad. About 400 feet below the
3996 Sorex (Neosorex) albibarbis ♂ ad. Just below the Big Spring. 12.2;
3997 Sorex personatus? ♀. Balsam swamp below Big Spring
3998 Synaptomys latus ♀ Swamp near summit.
3999 Peromyscus canadensis ♂ ad. Match by no. 3980.
4000 Sanias s. Jesteri. ♂ ad. Bank of Schoharie Creek at bridge.
4001 Evotomys gapperi, ♀ ad. Summit. In formaline.

1896.

Woods near Kaaterskill Junction.
do
do
do Nearly adult, but has not suckled.
36; ear crown, 11; do ear notch, 20. Woods near Kaaterskill Junction
1896.
In formaline Caught with flying squirrel at fork of trail.
swamp above Big Spring.
pencil, 8; ear crown, 15; notch, 18; head, 29; hd. ft., 22.4.
Put in formaline.
8; head, 24; pes, 15 mm. Swamp just below Big Spring.
at the last Erethizon trap. In alcohol.
Microtus. Partly eaten in trap.
100; pes. 35; head. 42; ear crown, 10; notch, 18 mm.
; ear crown, 12.5; notch, 19 mm. Trapped on the summit.
49; ear crown, 16; notch, 24. Bet. Hunter & the Creamery. Alcoholic
head, 103; pes, 90 X 33; manus, 72 X 30; ear from
pes, 90; manus, 65. Mammae 3 pairs
" 90 X 40 " 65. do
1896
121; 56; pencil 7; head, 23; pes, 14 mm.
154; 43; head, 29; pes, 19; ear crown, 9; notch 13.5 mm.
180; 91; " 28.5; " 22; " " 13; " 17 mm.
395; 42; head, 75; ear cr., 70; notch 64; pes, 106
385; 65; head, 72; pes, 92; ear crown, 66; notch, 59 mm. Trapped

Sept. 6, 1896. (Scoharie Creek. Ne ar Kaaterskill Junction.)

4071 Blarina brevicauda. ♀ ad. Trapped by L. Z. M. 121; 27 (pencil, 8); head, 29; hind foot, 15.5 mm.

Sept 7, 1896.

4072 Mephitis mephitica ♀ ad. Mammae 4 pairs. metrical – 5–6 = 5½ pairs. Not measured.

[4073 Peromyscus leucopus ♀ ad. (= Louis' "No. 6".]

4074 Peromyscus leucopus ♀ ad. Bank of Scoharie Creek. 188; 87; hfs, 21.2; head, 31; ear crown, 13 (notch, 18) caudal pencil, 4

4075 " " ♂ ad. (End of tail white) do 182; 82; " 21.2; " 31; " " 13 " 18 " " 4.5

4076 " " ♀ im. do In formaline. " " " " " "

4077 " " ♀ im. 4 large foetuses do " " " " " " "

4078 " " ♂ im. do 162; 77; " 20.5 mm. " " " " " "

4079 " " ♂ juv. do 136; 61; " 20 " " " " " " "

4080 Blarina brevicauda. ♂ ad. do 125; 28; " 15; " 28; " " " " "

4081 " " ♀ skin. do 118; 22; " 14; " 26.5; " " " " "

4082 Zapus hudsonicus. ♀ ad. Mammae 4 pairs do 203; 117 " 28; " 24 " " 11 " 13.5 " " 6.

4083 " " ♀ juv. do 189; 113 " 29. "

4084 Zapus insignis ♂ im. do 212; 130 " 31; " 25.5.

4085 " " ♂ juv. do 205; 123 " 30.2 mm.

4086 " " ♀ juv. do In formaline.

Sept. 8, 1896. Bank of Scoharie Creek.

4087 Blarina brevicauda. ♂ ad. 119; 27; hfs, 28.5 ; hfs, 15 mm. Skin & skull

4088 " " ♂ ad. 122; 28; " 28.5 ; " , 15 " In formaline.

4089 " " ♀ ad. 124; 29; " 29 " 15.7 " Skin & skull

4090 " " ♀ ad 125; 29; " 29 " 15 " Skin & skull

4091 Peromyscus leucopus. ♂ im. 160; 70 mm.

4092 " " ♂ im. 161; 72 mm.

4093 " " ♂ im ~~160; 70~~ mm. 157; 69 mm.

4094 Tamias o. lysteri ♀ ad. 260; 100; head, 46; hfs, 37.5; ear crown, 12; notch, 20 mm.

(Sept. 8 — Concluded.)

4095 Zapus hudsonius ♂ ad. 211; 126; fus, 30; a fine specimen;
4096 " " ♀ juv. 199; 121; " 28.7 mm. head, 25; ear crown, 10; ant. base 14.5 mm; in formaline.
4097 Peromyscus leucopus ♀ ad. Mammæ 3 pair Skin and Skull.
foot, 21; ear from crown, 14; from notch (1 pectoral + 2 inguinal). 180; 83; head, 30; hind , 17; caudal pencil 4 mm. Put in formaline.

Sept 9, 1896. Bankof Deoharie Creek.

4098 Peromyscus leucopus. ♂ ad. In formaline
4099 " " ♀ juv. In formaline
4100 Lepus sylvaticus ♂ 370; 58; head, 74; hind foot, 89; ear crown, 57 notch, 52 mm.
4101 Zapus hudsonius ♀ juv. 187; 108; tail, 78 mm.

Sept 10, 1896. Kanterokill Lake.

4102 Blarina brevicauda 127; 30; head, 30; fus, 15.5 mm.
4103 " " ♀ ad. In formaline.
4104 Evotomys gapperi ♀ juv. In formaline.
4105 " " ♀ " "
4106 " " ♂ ad. 144; 42; head, 27.5 fus, 19
4107 " " ♀ has not nursed 139; 41; " 26.5 " 18.8
4108 " " ♀ ad. 144; 43; head, 26.5 " 19 In formaline.
4109 " " ♀ ad. 142; 42; " 27 " 19 Contained 4 foetuses.
4110 Peromyscus leucopus. ♂ ad. 178; 80; " 29 " 22; ear crown, 14; notch, 17.5 mm. caudal pencil 4
4111 Peromyscus canadensis. ♀ ad. 188; 94; head, 28. a fine adult specimen
4112 " " ♂ ad. 186; 97; " 28 5; fus, 21.5; ear crown, 15; notch, 18 mm. Check Torches full. Formaline
4113 " " ♀ 191; 92; " 28 " 21.7 " " 14; " 18. Caudal pencil 8.
4114 " " ♂ juv. 173; 83; — " 22 " " 14.3 " 18. " " 8.
4115 Evotomys gapperi ♀ juv. In formaline " 21.

Sept. 10, 1896 — Bank of Deoharic Creek

4116 Tamias s. lysteri. ♀juv. Skull only.
~~4116 " " " ♀ad. 245; 98~~ Sept 11, 1896 Bank of Deoharic Creek.
4117 Blarina brevicauda. ♀ad. Has nursed 123; 27 head. 28; feo, 15 mm.
4118 " " ♀ad. Has nursed. 123; 25; head. 28; feo, 15.5 mm. } In alcohol.
4119 " " ♂ad. 132; 30; " 29; " 16 mm.
4120 Zapus insignis ♀ad. 230; 145; head, 26; feo, 31; ear crown, 13; notch, 16.5 mm. In formaline.
4121 Zapus hudsonius ♀ad. 223; 135; " 26; " 32.5 " " " 9.5; " 14 "
4122 Peromyscus leucopus ♀juv. In formaline
4123 " " ♂juv. " "
4124 " " ♂juv. In alcohol.
4125 " " ♂ad. In alcohol.
4126 " " ♀ad. In alcohol.
4127 " " ♂ad In formaline
4128 Zapus insignis. ♂ 225; 135; head, 26; feo, 167; 76; head, 28.5; feo, 21; ear crown, 14; notch 18 mm
4129 " " ♀ 240; 149; " 27 " 184; 84 " 30 " 21.5 " " 12 " 15.7 "
4130 Peromyscus leucopus. ♀ad 188; 80; " 31.5 " 177; 82 " 29 " 21 " " 13 " 17
4131 Tamias s. lysteri ♂ad. In alcohol. Tail de= 31.5; ear crown, 13; ant. base, 16.5 mm. In alcohol.
4132 " " " ♀ad. In alcohol. 248; 94; 32 " " 13.5; " " 17 mm. In formaline.
22.2 " " 15; " " 19 mm. Very large & stout!
specimen.

September 12th, 1896.

4133 Mus musculus. ♂ In alcohol. head, 45; feo, 36.5; ear crown, 12; notch, 17 mm.
4134 " " ♂ad. In formaline. Bank of Deoharic Creek:
4135 Blarina brevicauda ♂ad. Ald. In formaline. 165; 83; head, 23; feo, 19; ear crown, 11; notch, 14 mm.
4136 Peromyscus leucopus. ♂ad. Ald. In formaline 128; 29; " 28.5; " 15. " " "
4137 " " ♀ad. Ald. In formaline 172; 78 " 30 " 21 " " " 12.3; " 16.5 "
4138 Zapus insignis ♀ad. Ald. In formaline. A fine adult. 173; 77 " 30 " 21.5 " " 12.5; " 17.5 "
Mammae 4 pairs evenly distributed from the inter humeral 240; 145 " 28.5 " 32.5 " " 12 " 15.5 "
to the interfemoral regions.

Sept. 12, 1896. Field beside Lochaie

4139 Tamias striatus lysteri ♂. Skin + skull
4140 Microtus pennsylvanicus ♀ ad. 179; 57; hind
4141 " " ♀ ad. 175; 50; "
4145 Vespertilio subulatus ♂ 89; 35; head, 16; tip of ear to jaw, 11;

Sept. 13, 1896. Bank of Lochaie

4142 Vespertilio subulatus ♂. Preserved in
4143 Peromyscus leucopus ♀ ad. 170; 74; head, 31;
4144 Tamias s. lysteri ♀ juv. in alcohol.

Sept. 16, 1896. Highland Falls,

4146 Sciurus hudsonicus ♀ ad. 4 pairs of mammae. 315;
4147 Tamias striatus. ♀ ad. Mammae, 4 pairs 260
4148 " " ♀ ad. Head + body, 145; tail,
4149 Peromyscus leucopus ♂ juv. All from pelage.
4150 Mus musculus. ♂ ad. 162; 78; [illegible] 24; foot, 18.5;
4151 Fiber zibethicus ♂ ad. 575; 255; head, 76; foot, 92;

Sept. 18, 1896. Highland Falls,

4152 Peromyscus leucopus. ♂ ad. 170; 75; head, 29;
4153 " " ♂ juv. 150; 68
4154 Blarina brevicauda ♂ 127; 29; " 28;
4155 [illegible] ♂ 345; head,
4156 Fiber zibethicus ♂ ad 570; 250; head, 77; foot,
4157 Peromyscus [illegible] ♀ ad. 178; 77; head, 29;

Creek.

Preserved in formalin (as requested by Mr. Palmer).
34; foot, 22.5; ear crown, 8; ant base, 13 mm.
33; " 22.5; " " 7. " " 12 "
ant base, 13; tragus, 7; alar ext. 145; wing, 57 mm. In formalin

Creek

alcohol.
foot, 21.8; ear crown, 13; notch, 17 mm. 6 large fortunes

New York.

135; hind, 180; head, 50; foot, 48; ear crown, 15.5; notch, 22
97; head, 48; foot, 35; ear crown, 12; notch, 19 mm.
broken; " 48; " 34; " " 11; " 18.5 mm.
Highland Falls, New York Sept. 17, 1896. 141 ♂; 62 mm.
ear crown, 11; notch, 13 mm.
" " 14; " 23 mm.

New York.

foot, 21; ear crown, 13; notch, 17 mm.

" 15.2; " "

New York

126; foot, 67; ear crown, 44; [illegible]
85; ear crown, 15; notch 22 mm.
hind, 21; ear " 13.5; " 17 "

Sept. 20, 1896. Highland Falls.

4158 Blarina brevicauda ♀ ad. 121; 28; head,
4159 Peromyscus leucopus. ♀ ad. 162; 73; "
4160 " " ♀ juv.
4161 " " ♂ juv.

Sept. 21, 1896. Highland Falls.

4162 Tamias striatus ♂ ad. Head & body, 145; head,
~~4163~~ No. 17.2.3. Blarina brevicauda ♀ ad. 125; 29; "
4164 Peromyscus leucopus ♀ ad. 174; 78; "
4165 " " ♀ ad. 158; 84; "
4166 " " ♀ juv. 170; 78 mm.
4167 Fiber zibethicus ♂ 500; 228; "
~~4168~~ Sept 22, 1896. Highland Falls.
4168 Blarina brevicauda ♀ ad. 126; 26; (skull broken
4169 Peromyscus leucopus ♂ ad. 184; 83; head, 30;
4170 Tamias striatus ♂ juv. 2/3 grown.
4171 " " ♀ ad. 243; 91; head; 45; ear; 15;
4172 " " ♀ ad. ~~238~~ 243; 94; " 44; " 34;
4173 Lemmus hudsonicus ♂ ad; tail broken off. Head & body
4174 " " ♀ (ad.?) 292; 126; head, 50;

Sept. 23, 1896. Highland Falls.

4175 Peromyscus leucopus. ♀ ad. 185; 85; head, 30;
4176 " " ♂ juv. Fran. Bley.

Sept. 24, 1896. Highland Falls.

4177 Peromyscus leucopus ♀ ad. Canoeda Swamp. 182; 77;
4178 " " ♂ ad. Tracy's swamp. 167; 76;

Note. - A fine specimen of Microtus pennsylvanicus

Dutchess County, New York. August 25, 1896

about 300 feet below summit. 122; 54; c. pencil 8; head, 23; jaws, 14.5 mm.
w the summit of Hunter Mtn. 171; 50; ear crown, 8.5; ~~notch~~ ant. base 11, head, 32; jaws 20
at 2 inguinal.
" " " " 190; 96; ear cr., 15; notch, 17; head, 28; jaws, 2. mm
& the ridge back of the Colonel's Chair. 115; 25; head, 28.5; jaws, 14.2 mm.
" " " " 125; 28; " 29.5; " 15 mm.
Caught with Microtus (No. 3979). 122; 28; " 29. ; " 16 mm.
" " Evotomys 121; 26; " 28.5; " 15 mm.
Colonel's Chair. 136; 38 ; head, 27; jaws, 18; ear crown, 9; n, 12.5
Spring. With Neosorex. 133; 38 ; " 26; " 19; " 9; " 12.5

145; 41; " 27; " 18.5; " 9; " 13.
actual summit. 146; 39; " 29; " 19; " 9 " 13
133 37; " 27; " 19; " 9 " 12.
In formalin. 148; 41; " 29; " 19.5; " 10 " 14.
145; 39; " 29; " 19.; " 9.5 " 13.5
141; 39; " 28; " 18.6; " 9 " 13.

1896.

summit. In formalin 121; 28; head, 29; jaws, 15.2.
57; pencil, 8; ear crown, 4; head, 24; jaws, 14.8 mm. In formalin
99; 49; pencil, 5.5; ear crown, 3.2; " 20; " 12 mm.
125; 20; " 3.5 ant. base, 17; " 28; " 18.5 "
170; 78; " 9; ear cr., 13; notch, 18; " 28; " 20 mm.
243; 93; " 20; " ", 11; " 18; " 44; " 36 mm.
143; 40; " 5.5; " " 9; " 13; " 28; " 19 mm.

(August 26 — Concluded.)

4002	Evotomys	gapperi	♀ ad.	Near Summit.	137; 39; head, 27; pes, 18·2; ear crown, 9; notch, 13· mm.
4003	"	"	♂ ad.	Summit.	144; 42; " 28; " 19; " " 9·3; " 13·5 "
4004	"	"	♂ ad.	"	140; 40; " 27·5; " 20; " " 8·7; " 13. "
4005	Erethizon	dorsatus	.	.	Skull, tail, and spines preserved. Found dead under the "lookout" tower at the summit of Hunter Mtn. August 27, 1896.
4006	Blarina	brevicauda	♀ ad.		123; 30; head, 29; pes, 15 mm. Highest capture to date.
4007	Sorex (Neosorex)	albibarbis.	♀		125; 58; caudal pencil, 7; 15 mm. Caught in the balsam swamp with Evotomys & Neosorex.
4008	Peromyscus	canadensis.	♂ ad.		175; 86; " " 7.5; head, 24; pes, 15 mm. Swamp ground to Aster puniceus just below Big Spring
4009	Evotomys	gapperi	♀ juv.	Summit Hunter Mtn.	28; " , 21·5 mm. Ear crown 13; notch. 18. Same stump as Nos 3980 and 3999
4010	"	"	♀ ad.	" " "	149; 41; pencil, 7; ear crown, 9·5; notch, 13; head, 28; pes, 19 mm.
4011	"	"	♂ ad.	" " "	142; 38 " 6·5; " " 9. ; " 13 ; " 28 ; " 18·5 "
4012	"	"	♂ ad.	" " "	136; 39; " 7. " " 9. ; " 13 ; " 28 ; " 19.1 "
4013	"	"	♂ ad.	" " "	144; 41; " 7 ; " " 9 ; " 13 ; " 28 ; " 19.3 "
4014	Erethizon	dorsatus	♀ ad.	675; tail,	Pes. 90 x 35; man 70 x 30 mm.
4015	"	"	♀ juv.	Overtaken & captured in the	" " "
4016	Blarina	brevicauda	♀ ad.	Upper edge of balsam swamp.	Captured in a steel trap set under the observatory at summit trail below the Little Spring. August 27, 1896.
4017	Sorex	personatus?	♀ ad.	Trapped on actual summit.	122; 27; head, 29; pes, 15 mm. Highest capture to date.
4018	Sorex (Neosorex)	albibarbis.	♀ ad.	do	104; 42; " 21; " 12·5 " " In formalin.
4019	"	"	♂ ad.	do	123; 57; " 24; " 15 "; caudal pencil, 7. " " "
4020	"	"	♂ ad.	do	126; 58; " 24; " 16 "; " " 7. " " "
4021	Zapus	hudsonius	♀ ad.	Caught a little way below the balsam swamp.	125; 57; " 24; " 14.6 " " 7. " " "
4022	Evotomys	gapperi	♂ juv.		2 x 35; 145; pencil 9 " 27.5; " 30; ear crown, 14 " ; notch, 16·5. In formalin.
4023	"	"	♂ juv.		" "
4024	"	"	♂ ad.	Summit of Hunter Mountain	137; 36; head, 28; pes, 19; ear crown, 9; notch, 12·5 mm.
4025	"	"	♂ ad.	do	141; 42; " 27; " 19·5; " " 9; " 12· mm.

Manmae 4 pairs – 2 pectoral + 2 inguinal.

(August 29, 1896 – Concluded.)

4026	Evotomys		♀ ad.	Contained 5 large foetuses	153	44	head, 28	feet, 19·8	ear crown, 9	notch, 13 mm.	
4027	"		♀ ad.	" 5 foetuses	141	40	" 28·5	" 19	" 9	" 13.	
4028	"		♀ ad.		138	37	" 27·5	" 19	" 9	" 12·5 mm.	
4029	Tamias striatus	lysteri	♂ ad.	Just below Little Spring.	227	84	head, 45	" 35	" 10	" 17. "	
4030	"	" "	♂ ad.	Hunter Mtn trail above the Creamery	245	48	" 45	" 35	" 11·3	" 18 "	
4031	"	" "	♂ ad.	Forks of trail on the high ridge	246	94	" 45	" 36·5	" 11	" 17 "	
4032	"	" "	♂ ad.	do	245	95	" 46	" 36	" 12.	" 18·5 "	
4033	Erethizon dorsatus		♂ juv.	Observatory at summit.	365	90	" 74	" 62 mm.	Caught in a deadfall baited with a Hide		

August 31st, 1896.

4034	~~Synaptomys~~ Microtus				140	39	" 28	" 20	" 8	" 12 mm.	
4035	Lepus americanus		♂ juv.		370	40	" 70	" 95	" 80	" 65 mm.	
4036	Neuroptenus sabrinus	major	♀ ad.		280	125	" 41	" 38	" 20	" 23·5 mm.	
4037	Blarina brevicauda			3700 ft. altitude (about).	121	25	" 29	" 15·7 mm.	In formaline.		
4038	"	"		3800 "	127	31	" 29	" 15·8 " "			
4039	"	"		3900 "	115	24	" 28·5	" 14 " "			
4040	Evotomys	gapperi	♀ ad.		150	46	" 27·5	" 19·5	" 9	13. mm	
4041	"	"	♂ ad.		142	40	" 28.	" 19·5	" 9	13 "	
4042	"	"	♂ ad.		145	43	" 27	" 19·8	" 9	12·5 "	
4043	"	"	♂ ad		134	40	" 27	" 19·5	" 9	13 "	
4044	Peromyscus canadensis		♂ juv.		150	68 mm. Emerging from the gray coat.					

September 1st, 1896.

4045	Tamias s. lysteri		♀ ad.	Just below Big Spring, near top.	240	93	" 43	" 34	" 10	17.5 "	
4046	" "	"	♀ juv.	At cabin near Big Spring.							
4047	Peromyscus canadensis		♂ juv.		140	68. Swamp between Big Spring & Summit.					
4048	Blarina brevicauda		♀ ad.		121	26	" 29	" 14.5 mm. Below Big Spring.			

11 – in Catawba Swamp, left [illegible] on the way home.

Sept. 2nd,

4049 Tamias s. lysteri ♂ Tail defective; end gone.
4050 " " " ♂ do
4051 " " " ♂ do
4052 " " " ♀ juv. Tail short.
4053 " " " ♀ ad. 250; 98; head, 47; pes,

Sept. 3rd,

4054 Peromyscus canadensis ♀ juv. 170; 85.
4055 " " ♂ ad. caught in little 184; 72; c.
4056 Evotomys gapperi. ♀ juv at Summit
4057 Neosorex albibarbis ♂ ad. 124; 55; caud. pencil,
4058 Tamias s. lysteri ♀. Shot near the fork of trail,
4059 " " " ♂ Trapped where I got the 1st
4060 " " " ♂ Trapped at the Spring. 237;
4061 " " " ♂ ad. 255; 102; head, 45; pes, 37
4062 Sciurus hudsonicus ♂ ad. 320; 130; head, 51; pes,
4063 Erethizon dorsatus. ♀ ad. 680; 190; end of hairs, 230;
anterior base, 29. Weight 13 lbs. Avoirdupois
4064 Erethizon dorsatus ♀ juv. Length, 640; tail,
4065 " " ♀ juv. " 590; "

Sept 4th,

4066 Sorex (Neosorex) albibarbis ♂ ad. At the summit
4067 Evotomys gapperi. ♀ ad. do (Molting)
4068 Peromyscus canadensis ♂ juv. do
4069 Lepus americanus ♀ juv. Swamp at Big Spring.
4070 Lepus sylvaticus ♂ Cochrane Creek Southbridge
Jos Louis. & Thomas.

New York,

29; pes, 14.7 mm.
29, " 20. ear crown 12; notch 16 mm.

New York.
44; pes, 34; Has nursed young ear crown 12; notch, 17.5 mm. Tip of tail gone.
30; " 16;
29; " 20.; " " 11; " 15.5 " .
31; " 22; " " 13; " 17 "
82
70; " 77; " " 15; " 20 "
New York.
"; pes, 15 mm.
"; pes, 22; ear crown, 14; notch, 17 mm.

ear crown, 14; notch, 18 mm.
" " 12; " 18 "
182; head, 50; pes, 48; ear crown, 15; notch, 23 mm.
pes, 45; ear crown, 12.5; notch, 20 mm. Has not suckled young.
New York.
", 21.7 mm; ear crown, 11.5; notch, 17 mm

New York.
head, 30; pes, 20.2; ear crown, 13; ear above notch, 17 mm.
" 29 " 20.2; " " 12; " 16.5 "
was trapped in Canada. Swamp, but lost on the way home.

Sept. 25, 1896. – Highland Falls,

4179 Blarina brevicauda ♀ ad. Canada Burrow.
4180 Sciurus hudsonius ♀ ad. Canada Burrow.
4181 Tamias striatus. ♀ ad. Nest " "

Sept. 26, 1896. Highland Falls,

4182 Blarina brevicauda ♀ (imm.) Found dead near
4183 Tamias striatus ♀ ad. 283; 92; head, 42.5; fee,
4184 " " ♂ ad. 244; 93; " 45 ; "
4185 " " ♀ ad. 232; 92; " 43.5; "
4186 " " ♀ ad. Tail defective. Not meas.
4187 Sciurus hudsonius ♀ ad. 305; 127; head, 51.5;
4188 " " ♂ juv. 305; 132 mm.
4189 " " ♀ 319; 135. head 50

Sept. 27, 1896. Highland Falls, New

4190 Blarina brevicauda ♂. Preserved in alcohol.

Sept. 28, 1896. Highland Falls, New-

4191 Sorex personatus ♂ ad. Trapped in Tamarack Swamp.
4192 Microtus pennsylvanicus ♂ ad. do
4193 " " ♀ ad. do
4194 Sciurus hudsonicus ♂ ad. W. edge W.P. Reserve.
4195 " " ♀ ad. Mountain N. of Carpenter's.
4196 Tamias striatus ♀ ad.
4197 " " ♀ ~~ad~~ juv.
4198 " " ♀ ~~juv~~ ad.

New York.

132; 29; head, 30; fee, 16 mm.
305; 122; " 51; " 48.5; ear crown, 13.5; notch 22 mm.
230; 88; " 45; " 35; " " 12; " 17.5 "

New York.

on table. Put in alcohol.
34; ear crown, 12; notch, 18.5 mm. Carpenters farm near town
34; " ..., 10.5; " 16 "
33; " ; 12; " 17 "

fee, 49; ear crown, 15; notch, 22 mm
" 47 " " 12; " 23 " Has never suckled.
" 45; " " 12; " 22 "

York.

Found dead in the Villa grounds.

York.

104; 40; head. 20.7; fee, 12 mm.
181; 57; " 32 ; 22.5 "
175; 51; " 31 ; 21. "
313; 133; " 52.5 ; " 48.5 ; ear crown, 15; notch, 24 mm.
325; 134; " 52.5 ; " 49 ; " " 15.5; " , 23 "
240; 90 " 43 " 34 " " 10.5 " 16.5 "
" " " " " "
240; 90 " 42.5 ; " 34 ; " " 10 " 16.5 "

Sept. 30, 1896. Highland Falls,

4199 Blarina brevicauda ♂ ad. Tamarack Swamp. 142;
4200 Evotomys gapperi. ♂ juv. " " 102;
4201 Canis hudsonicus ♀ ad. West Point Reserv. 323;
4202 Tamias striatus. ♂ ad. do 245;
4203 " " ♀ juv. do
4204 " " ♂ ad. Base of Bear Mountain

Oct. 1, 1896. Highland

4205 Microtus pensylvanicus ♂ ad. In formalin. 181; 53;
4206 " " ♀ ad. In formalin. 173; 46;
4207 " " ♀ juv. Half grown.
4208 " " ♂ juv. do
4209 Mus musculus ♀ im. In formalin.
4210 Peromyscus leucopus ♂ ad. Edge of Consook Marsh
4211 " " ♂ ad. do
4212 " " ♀ ad. Consook Island.
4213 Tamias striatus. ♂ im. Skin in formalin

Oct. 2, 1896. Highland Falls, New

4214 Mus musculus ♀ im. } Caught under haystacks
4215 " " ♀ juv. } and were preserved
4216 " " ♂ juv. }
4217 Peromyscus leucopus ♂ juv. Edge of Consook Marsh.
4218 " " ♀ juv. do
4219 " " ♀ yg. ad. Consook Island. 176; 79; head, 29;
4220 Microtus pensylvanicus. ♂ juv. Consook Marsh.
4221 " " ♀ juv. do

New York. (Traps set in Tamarack Swamp on the mountains).
31; head, 29; fus, 16; caudal pencil, 8 mm.
27; fus, 17 mm.
130; head, 51.5; fus, 49; ear crown, 14; notch 22 mm.
89; " 44 " 33.5; " " 12; " 17.5 " - mut
Tail defective; not measured. Cheek-pouch contained a letter,

Falls, New York. Traps set in Consook Salt Marsh.
caudal pencil, 12; head, 34.5; fus. 23; ear crown, 8; notch, 12 mm.
" " 7; " 33.5; " 23; " " 8; " 12 "

185; 82; head, 30; fus, 20.5; ear crown, 13.5; notch 16.5 mm.
177; 80; " 30; " 21; " " , 12.5; " 16.5 "
200; 92; " 30; " 21; " " , 13; " 18 "
for Taxidermist.
York. (Traps set in Consook Marsh.
, which stand in brackish water every flood tide,
in formalin.

In formalin.
Skl. + Skull
fus, 21; ear crown, 11; notch, 15 - In formalin mm. Has mused,

Oct. 2, 1896 — Concluded.

4222 Microtus pensylvanicus ♀ juv.
4223 " " ♀ juv.
4224 " " ♀ juv.
4225 " " ♂ ad. 184; 54; head, 34.5; pes, 22; ear crown, 7.5; notch, 13 mm. Under haystack in marsh.
4226 " " ♀ ad. 176; 46; " 33.5; " 22; " " 8 " 13 " do
4227 Lutreola vison (lutreocephalus (Harlan)) ♂ ad. Means House 3 rounds. Highland Falls, New York.

Oct. 3, 1896. Highland Falls, New York. (Traps set in Consook Marsh.)

4228 Peromyscus leucopus ♀ juv.
4229 " " ♂ ad. In formalin
4230 Mus musculus ♀ ad. do
4231 Microtus pennsylvanicus — juv. do
4232 Blarina brevicauda ♀ ad 125; 25; head, 29.5; pes, 15.8 mm. Consook Id., at edge of marsh.
4233 Microtus pennsylvanicus ♂ ad. 180; 51; " 34.5; " 21.5; ear crown, 8; notch, 13 mm.
4234 " " ♀ ad. 185; 53; " 35; " 23.5; " " 8; " 13 "
4235 " " ♀ ad. 171; 45; " 34; " 23 " " 8; " 13 " New York.

Oct. 4, 1896. Highland Falls, New York.

4236 Peromyscus leucopus ♂ ad 189. 81; head, 31; hind foot, 21; ear crown, 12.5; notch, 17 mm. New York.

Oct. 5, 1896. Highland Falls, New York.

4237 Blarina brevicauda ♀ ad. In formalin
4238 Peromyscus leucopus ♂ ad. In formalin

Oct. 6, 1896. Highland Falls, New York.

4239 Peromyscus leucopus ♂ ad. In formalin

Oct. 7, 1896. Highland Falls,

4240 Peromyscus leucopus ♂ ad. In formalin

Oct. 8, 1896. Highland Falls,

4241 Peromyscus ♂ juv. In formaline.

4242 Fiber zibethicus. – ad. Found dead Oct. 7,

Oct. 9, 1896. Highland Falls,

4243 Peromyscus leucopus ♀ ad. In formaline.

4244 " " ♀ ad. " "

4245 Blarina brevicauda ♂ (juv.?) " "

Oct. 10, 1896. Highland Falls,

4246 Blarina brevicauda ♀ (juv.?) In formaline.

Oct. 11, 1896. Highland Falls,

4247 Peromyscus leucopus ♂ ad. Skin + skull. Alcoholic

4248 Blarina brevicauda ♂ ad. " "

Oct. 13, 1896. Highland Falls,

4249 Peromyscus leucopus. ♂ juv. In formaline.

4250 " " juv. " "

4251 Blarina brevicauda ♀ ad. " "

Oct. 14, 1896. Highland Falls,

4252 Peromyscus leucopus ♂ juv. In formaline.

4253 " " ♂ ad. Skin and skull

Oct. 17, 1896. Highland Falls,

4254 Peromyscus leucopus ♂ juv. In formaline

4255 Fiber zibethicus. ad. Two fore feet found

New York.

New York.

with fore foot trapped off Skull only; nasals gone.

New York.

193; 86; head 31; hes, 22; ear crown, 12; notch 16.8.

182; 79; " 30; " 21; " " 13; " 17.

118; 26; " 28; " 14.

New York.

121; 26; head, 29; hes, 14.2.

New York.

157; 67; head, 28; hes, 19; ear crown, 11; notch 16.

125; 26; " 29; " 15.3. Trapped at midday.

New York.

Very badly eaten in trap.

New York.

182; 78; head, 30; hes, 20; ear crown, 13; notch 17.

New York

Trapped at Highland Falls, New York. Sept, 1896

Synaptomys
Sorex personatus
Sorex fumeus
~~Neosorex albibarbis~~ Sorex macrurus Bach.
Blarina brevicauda
~~Scalops aquaticus~~ Parascalops breweri
~~Lepus~~ Lepus hudsonius
Lepus insignis Miller.
Didelphys marsupialis (town of Catskill).
Aplyonteris fuscus
Vespertilio subulatus
Lepus sylvaticus transitionalis
Lepus americanus virginianus.
Erethizon dorsatus.

*For Index to Catskill Mammals collected See over page.

Index to Mammals collected in the Catskill Mountains, New York. 1896.

Adelonicterus fuscus. — 3915.

Blarina brevicauda. — 3878, 3879, 3880, 3881, 3882, 3883, 3887, 3888, 3889, 3890, 3891, 3892, 3898, 3903, 3917, 3921, 3924, 3925, 3926, 3927, 3931, 3942, 3947, 3956, 3957, 3959, 3960, 3961, 3962, 3964, 3965, 3976, 3981, 3982, 3983, 3984, 3995, 4006, 4016, 4037, 4038, 4039, 4048, 4071, 4080, 4081, 4087, 4088, 4089, 4090, 4102, 4103, 4117, 4118, 4119, 4135, and 5, L. Z. M.

Erithizon dorsatus. — 4005, 4014, 4015, 4033, 4063, 4064, 4065.

Eutamias (skull measurements) — 3904, 3907, 3935, 3936, 3954, 3985, 3986, 3987, 3988, 3989, 3990, 3991, 3992, 3993, 3994, 4001, 4002, 4003, 4004, 4009, 4010, 4011, 4012, 4013, 4022, 4023, 4024, 4025, 4026, 4027, 4028, 4040, 4041, 4042, 4043, 4056, 4067, 4104, 4105, 4106, 4107, 4108, 4109, 4115, & 4 skins.

Lepus americanus. — 4035, 4069.

Lepus sylvaticus. — 4070, 4100.

Mephitis mephitica. — 3977, 4072, 4142.

Microtus chrotorrhinus? — 3979, 4034.

Microtus pennsylvanicus. — 4140, 4141.

Mus musculus. — 3973, 4133, 4134.

Mus decumanus. — 3900.

Putorius (Lutreola) vison. — 3933.

Putorius cicognani. — 3971.

Peromyscus canadensis. — 3937, 3943, 3950, 3953, 3980, 3999, 4008, 4044, 4047, 4054, 4055, 4068, 4111, 4112, 4113, 4114, 9 and 10, L. Z. M.

Peromyscus leucopus. — 3886, 3899, 3902, 3905, 3918, 3929, 3930, 3938, 3939, 3958, 3968, 3969, 3970, 3974, 3975, 4073, 4074, 4075, 4076, 4072, 4078, 4079, 4091, 4092, 4093, 4097, 4098, 4099, 4110, 4122, 4123, 4124, 4125, 4126, 4127, 4130, 4136, 4137, 4143, and 6 L. Z. M.

Sciurus macrotis Shaw = Sciurus labrinus 4036.

Sciurus hudsonicus. — 3909, 3920, 3923, 3934, 3945, 3952, 4062, and 11, L. Z. M.

Sorex macrurus Baird (new species). — 3978, 3996, 4007, 4018, 4019, 4020, 4057, 4066.

Sorex fumeus. — 3906, 3916, 3963.

Sorex personatus. — 3997, 4017.

Scalops aquaticus cooperi. — 3998.

Parascalops breweri. — 3946.

Tamias striatus lysteri. — 3877, 3884, 3885, 3893, 3894, 3895, 3896, 3897, 3901, 3908, 3910, 3911, 3912, 3913, 3914, 3919, 3922, 3928, 3932, 3941, 3944, 3948, 3949, 3955, 3972, 4000, 4029, 4030, 4031, 4032, 4045, 4046, 4049, 4050, 4051, 4052, 4053, 4094, 4058, 4059, 4060, 4061, 4116, 4131, 4132, 4139, 4144, 12 and 13, L. Z. M.

Vespertilio gryphus. — 3951, 4145.

Lepus hudsonius — 3966, 3967, 4082, 4083, 4095, 4096, 4101, 4121, and 7 L. Z. M.

Lepus virginis. — 4021, 4084, 4085, 4086, 4120, 4128, 4129, 4138, " 8 "

Mammals of the Hudson Highlands*.

Lynx rufus
Vulpes ~~virginianus~~ pennsylvanicus
Urocyon cinereoargenteus
Procyon lotor
Didelphys marsupialis
Sciurus Hudsonius
Tamias striatus
Arctomys monax.
Neotoma pennsylvanica
Lepus sylvaticus
Zapus hudsonius
Mus musculus
Mus decumanus
Sorex personatus
Blarina brevicauda
Scalops aquaticus
Condylura cristata
Putorius (Lutreola) vison
Putorius (noveboracensis)
Putorius peregrinus.
Lutra hudsonica
Mephitis mephitica
Sciurus carolinensis pennsylvanicus
Sciurus hudsonicus Erxleben.
Sciuropterus volucella
Arctomys monax.
Neotoma pennsylvanica
Lepus sylvaticus
Zapus hudsonius
Mus musculus
Mus decumanus
Sorex personatus
Blarina brevicauda
Scalops aquaticus
Condylura cristata
Putorius (Lutreola) vison
Putorius (noveboracensis)
Putorius peregrinus.
Lutra hudsonica
Mephitis mephitica
Sciurus carolinensis pennsylvanicus
Sciurus hudsonicus Erxleben.
Sciuropterus volucella
Tamias striatus
Zapus hudsonius
Erethizon dorsatum
Fiber canadensis
Ursus americanus
Procyon lotor
Didelphys marsupialis
Lynx rufus
Vulpes pennsylvanicus
Urocyon cinereoargenteus
Putorius vison
Putorius noveboracensis
Putorius peregrinus
Lutra hudsonica
Mephitis mephitica
Sciurus carolinensis pennsylvanicus
Sciurus hudsonicus Erxleben
Sciuropterus volucella
Tamias striatus
Erethizon dorsatum
Arctomys monax
Neotoma pennsylvanica
Lepus sylvaticus
Zapus hudsonius
Mus musculus
Mus decumanus
Sorex personatus
Blarina brevicauda
Scalops aquaticus
Condylura cristata
Didelphys marsupialis
Procyon lotor

Index to Mammals collected in the Hudson Highlands, New York. 1896.

Blarina brevicauda. — 4154, 4158, 4168, 4179, 4182, 4190, 4199, 4232, 4237, 4245, 4246, 4248, 4251, and No. 17, L.Z.M.

Didelphys marsupialis. — 4155.

Evotomys gapperi. — 4200.

Fiber zibethicus. — 4151, 4156, 4167, 4242, + 16 L.Z.M.

Microtus pennsylvanicus. — 4192, 4193, 4205, 4206, 4207, 4208, 4220, 4221, 4222, 4223, 4224, 4225, 4226, 4231, 4233, 4234, 4235, + 22 L.Z.M.

Mus decumanus. — 20 L.Z.M.

Mus musculus. — 4150, 4209, 4214, 4215, 4216, 4230, and No. 15, L.Z.M.

Peromyscus leucopus. — 4149, 4152, 4153, 4157, 4159, 4160, 4161, 4164, 4165, 4166, 4169, 4175, 4176, 4177, 4178, 4210, 4211, 4212, 4217, 4218, 4219, 4228, 4229, 4236, 4238, 4239, 4240, 4241, 4243, 4244, 4247, 4249, 4250, 4252, 4253, ~~4254~~, and No. ~~18~~ 18, L.Z.M.

Sciurus (Tubreola) vulpinus. — 4227 [illegible].

Sciurus hudsonicus Erxleben. — 4146, 4173, 4174, 4180, 4187, 4188, 4189, 4194, 4195, 4201, + 14, 19, 2 L.Z.M.

Sorex personatus. — 4191.

Tamias striatus. — 4147, 4148, 4162, 4170, 4171, 4172, 4181, 4183, 4184, 4185, 4186, 4196, 4197, 4198, 4202, 4203, 4204, 4213, and No. 21, L.Z.M.

Specimens of Mammals collected in the Hudson Highlands prior to 1896.

Didelphis virginiana. — 32 + [illegible].

Lepus sylvaticus. — Nos. I, II, III, IV (skull).

Fiber zibethicus. — 21.

Microtus pennsylvanicus. — 64, 65, 66, 67, 68, 75 to 80.

Peromyscus leucopus. — 38, 45, 46.

Mus musculus. — 6.

Mus decumanus. — 7.

Arctomys monax. — 35, 47, 60.

Tamias striatus. — 8, 17.

Sciurus carolinensis leucotis. — 1, 2, 15, 28, 42, 43, 48, 55, 56, 81, 86.

Sciurus hudsonicus loquax. — No. I, 9, 18, 34, 37, 39, 44, 57, 58, 73, 74, 84.

Sciuropterus volans. — 3, 36, 85.

Blarina brevicauda. — 61, 62, 63, 82, 83.

Condylura cristata. — 71, 89, 90.

Mephitis mephitica. — 10.

Putorius noveboracensis. — 33, 50, 51, 59, 87, 88.

Vulpes pensylvanicus. — 11

Urocyon cinereoargenteus. — 12, 16, 19, 20, 27.

Lynx rufus. — 13, 14.

Vespertilio subulatus (=Scyphus). — 4.

Scalomyoteris fuscus. — 26, 29, 30, 54, 72.

Atalapha borealis. — 5, 22, 23, 24, 25.

Vesperugo georgianus. — 31.

Mammals Collected by
Louis L. Mearns.

No.

1 Peromyscus leucopus
Fort Snelling, Minnesota. No. Amer. Mus. Nat. Hist

2 Peromyscus leucopus
Fort Snelling, Minnesota. No Am. Mus. Nat. Hist

3 Mus musculus
Fort Myer, Virginia.

4 Evotomys gapperi (Vigors) ♂ ad. Sept. 3, 1896.
Summit of Hunter Mountain, Catskills, Greene Co.,
New York. Length, 140; tail vertebrae, 40;
length of hind foot, 18.5 mm.

5. Blarina brevicauda ♀ ad. Sept. 5, 1896.
Kaaterskill Junction, Greene Co., New York.
Length, 114; tail vertebrae, 23; hind foot,
15; head, 28 mm. Caught beside Scoharie
Creek.

4078 Peromyscus leucopus ♀ ad. Sept. 5, 1896.
Kaaterskill Junction, Greene County,
New York. Caught beside Scoharie Creek.
Mammae 3 pairs (p. 1; a 0; i 2 = 3 pairs)
Length, 195; tail vertebrae, 87; caudal pencil
4; hind foot, 21.5; head, 31; ear from crown, 13; from notch 16.

No.

7 Zapus hudsonicus ♀ ad. Sept. 5, 1896.
Kaaterskill Junction, Greene County, New York.
Caught beside Scoharie Creek. Length, 229;
tail, 135; head, 25; hind foot, 31; ear from
crown, 12.5; from notch 14.5 mm.

8 Sorex [illegible] ♂ ad. Sept. [illegible] 1896. 125;
140; head 27.5; hf, 30; ear crown, 12 notch 16

9 Peromyscus canadensis ♂ ad. Sept. 7, 1896. 190;
92; head, 30; hf, 21; ear crown, 12; notch, 18

10 Peromyscus canadensis. ♀ juv. 164, 73; hf, 21

6 Peromyscus leucopus ♂ ad. 189; 88; head; 30;
hf, 22; ear crown, 12.5; notch, 17 mm.

11 Sorex [illegible] ♀ ad. Sept. 7, 1896. 29[illegible]
136; head, 50; hf, 44; ear crown, 14 notch 22

12 Tamias q. hyperi. ♀ juv. Bank of Scoharie Creek
near Kaaterskill Junction, Greene County, New
York. Sept. 11, 1896.

13 Tamias q. hyperi. ♂ ad. do
245; 98; head, 47; hf, 36; ear cr., 11; notch, 18.

14 Sciurus hudsonicus ♀ juv. Highland Falls, N.Y.
September 16, 1896.

15 Mus musculus ♂ do
166; 80; head 24; hf, 18; ear crown, 10; notch, 13.5 mm.

16 Fiber zibethicus ♂ ad. 580; 250; 70; 82; ear
crown, 17; notch, 22 mm. Sept. 17. 1896.

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Ingvaldsni Richardsnit (Bonde.)
Mystads. Dec. 25, 1902 Ft. St. ...

ST. PAUL & PORTAL
No. 2.
From ELBOW LAKE, Minn.

FT. BOWLAKE
APR
7
12 M
1902
MINN.

A. W. NELSON, P.M.

Dec. 29, 1902.

♂ad. Peromyscus leucopus maniculatus
155; 82; hf. 21.2; tail broken, 3,
head, 29; ear brown, 11; ear notch, 14.5

♀ad. Bk January. 1, 1903

♀ad. Peromyscus. Jan. 2, 1903.
Length, 173; 73; 76; 20.5; 31.

♂ad. Same. do.
L., 171; 71; 75; 23; 30.

Blarina brevicauda ♀ad. January 3 '03
L., 133; 28; 35; 16.5; 32.
Peromyscus ♂ad. "
L., 171; 73; 78; 23; 30.5.
Cyanocitta
294; 414; 139; 141; 27.5; 35; 29 mm.

Nyctala tengmalmi richardsonii (Bonap.)
♂ ad. Dec. 25, 1902. Ft. Snelling
253; 573; 173; 110; cul. + car, 19; cul, 14; Tars., 23; mde. 27.
Iris yellow. Stomach contained a Blarina, skin and all.

Dryobates pubescens ♀ad. do
181; 315; 201; 70; 17; Dec. 25, 1902.

Parus atricapillus ♀ad. Dec. 25, 1902. do

Blarina brevicauda. ♀ad Ft. Snelling, Minn. Jan. 1, 1903.
144; 31; 36; h.f., 17; head, 32.

Sitta carolinensis ♀ad. 155; 282; 92; 53; 18; 18.5; 21.

Spizella monticola ♂ ad. (rect tail) 163; 246. 78; 75; 10.7; 21; 22.
" " ♂ ad. 163; 248; 79. 75; 10.7; 20; 20.

Blarina ♂ad. 140; 30; 36; 17.5; head 31.5.

Peromyscus ♂ad. 176; 77; 82; h.f. 22; head, 30; ca. cl. 11 notch, 15

♀ 140; 233; 80; 64;
9.7; 16; 13.5; Iris brown
Feb 28 Bill yellow, dusky above and below at tip
Feet + claws purplish black
♂ ad

No. 18 Peromyscus leucopus ♂ad. 170; 77; hind, 2[illegible]7;
No. 19 Sciurus hudsonicus ♂jun. Halfgrown.
No. 20 Mus decumanus ♀ad. [illegible] 6
396; 187; head, 51.5; leg, 41; ear crown, 1.5;
No. 21 Sciurus striatus. ♂ad. Highland Falls, New
No. 22 Microtus pensylvanicus. ♀ad. 175; 48; 34
No. 23 Putriola vison ♂ad. Oct. 2, 1896. Swamp on grounds
645; 233; head, 85; leg, 73; crown, 11; notch,
No. 17 Blarina brevicauda. ♀ad. Sept. 21, 1896. 125; 29;
No. 24 Reithrodontomys leconti. ♂ad. December 6, 1896. Fort

No. 25 ~~Blarina brevicauda. ♀ad.~~ Peromyscus leucopus

No. 26 Microtus pinetorum. ♀ minature. December 2,
No. 27 " " ♀ad. Dec. 14, 1896. Length,
No. 28 Mus musculus. ♂im. Dec. 18, 1896. Ft. Myer, Va.
No. 29 Microtus pinetorum ♀ad. Dec. 19, 1896. Ft. Myer, Va.
No. 30 Blarina brevicauda do
No. 31 Peromyscus leucopus. ♂ad. Jan. 3, 1897. Fort
No. 32 " " ♂im. do
No. 33 Scalops aquaticus. ♀. Jan. 10, 1897. Arlington
foot, 19; fore foot, length with claw, 22; fore
No. 35 Microtus ~~Arvicola~~ pinetorum. ♂ad.
No. 34 Peromyscus leucopus ♀im. Jan. 12, 1897.
No. 36

[illegible]s, 21; ear crown 13; notch, 17 mm. Sept. 24, 1896.
[illegible] Highland Falls, N.Y. Sept 26, 1896.
pads (3 thoracic, 1 inguinal, abdominal, 2 inguinal).
notch, 20 mm. Highland Falls, N.Y. Sept. 28, 1896.
York. Sept. 28, 1896. 240; 94; 45; 34; 11; 16 mm.
22; 9; 13 mm. Canoe Island Marsh. Oct. 1, 1896.
formerly owned by Alexander Means. "The Villa" Highland Falls, N.Y.
24 mm. Skull No. 4227 in U.S.N.M.
head, 30; hind foot 16.
Myer, Virginia. Skin and skull (No. 8 3298, U.S.N.M.)

minature. December 6, 1896. Fort Myer, Virginia.

1896. Fort Myer, Va. Length, 80 mm.; tail 22.
130 mm.; tail to end of vertebrae, 23; length of hind foot, 18. Ft. Myer, Va.

length 129; tail to end of vertebrae, 22; length of hind foot, 15 mm.
skull only (No. U.S.N.M.).
Myer, Va. Length, 168; tail vert., 78; length of hind foot 20.
" 146; " " 62 mm.
Cemetery, Virginia Length, 150; Tail, 28; head, 40; hind
foot width, 22 mm.
Ft. Myer, Va. Jan. 14, 1897. Not measured.
Ft. Myer, Va. Not measured.

Notes on Crustaceans

Crawfish. – Ten put in alcohol August 5, 1896.
This was identified by Mr. Benedict as Cambarus bartoni
From Deoharie Creek, New York.

Notes on fishes of the Catskills, N. Y.

Semotilus corporalis } Specimens put in
Rhinichthys atronasus } alcohol — loose in tank.
Red-fin August 4, 1896.

Semotilus corporalis } Specimens put in
Rhinichthys atronasus } formaline August 5, 1896.
Red-fin

There are Suckers & Trout in Scoharie Creek.
Three boys told me there are plenty of Bull-heads, Pickerel, and Eels in Kaaterskill Lake, 9 miles from here.

3875 Fourteen specimens of Semotilus from Scoharie Creek, Greene Co., New York Aug. 11, 1896.

Specimens of Rhinichthys, Semotilus and Red-finned Minnow from Scoharie Creek, New York. Aug. 11, 1896. put in formaline.

The following species of fishes were collected in the Catskills:—
1. Ameiurus nebulosus. — Kaaterskill Lake.
2. Lucius reticulatus. — Kaaterskill Lake.
3. Semotilus atromaculatus. — Scoharie Creek.
4. Exoglossum maxillingua (Cut-lip) do
5. Notropis megalops (= cornutus Mitchill) do
6. Rhinichthys atronasus do

These were collected during August and September, 1896, and sent to the U. S. National Museum.

Alcoholics from Highland Falls:—

Blarina
Hognosed Snake
Red Salamander
Wood Frog
Pond Newt
2 Small Tree Toads
1 " Toad.
} Sept 26/96.

Red-bellied Snake (head gone).
Nanemys guttata jun.
" " ad.
2 Spc. Rana sylvatica
2 " " palustris
3 " of Rana (2 species?)
6 water and land newts.
} In formaline Sept. 30, 1896

11 Newts
1 Polywog (Rana)
1 Red-bellied Snake
} In formaline Oct. 1, 1896.

~~Panopeus harrisii (Gould).~~

2 small crabs
1 shrimp
40 Fundulus
1 Lepomus
1 Eel
} In formaline Oct. 2, 1896.

= Callinectes sapidus (Ordway).

Several small crabs. Identified by Mr. Benedict as Panopeus harrisii (Gould).
Collected in tide creek at Consook Island, Hudson River.
Oct. 3, 1896.

Crustaceans
~~Mollusks~~ identified by Mr. Benedict.

1. Panopeus harrisi (Gould). Several specimens from a tide creek at Consook Island, Hudson River, New York. Taken October 3, 1886.
2 Callinectes sapidus (Rathbun) (Ordway). Two specimens from tide pools on Consook Island, Hudson River, New York. October 2, 1896.
3 Gammarus _____ From a tide creek at Consook Island, Hudson River, New York. October 3, 1896.
4. Penaeus brasiliensis. Latreille. The common shrimp of the Hudson River.
5. Cambarus bartoni Many specimens from Scohari Creek and its tributaries, in the Catskill Mountains, New York, at an altitude of 1700 to 1800 feet.

Crustaceans sent to the American Museum of Natural History, New York, in 1883.

No. 1. Cambarus bartoni (Fabricius). Green Point brook, Putnam Co., N.Y. Sept. 21, 1881. Miss N. Davidson.

Nos 2–5. ~~Platyonichus occellatus (Hobbs).~~
Lupeneca ovalis (Say). Four specimens taken from the gills of young bluefishes (Pomatomus saltatrix), Sept., 1876. Consook Reef, Hudson River.

Plants preserved in formalin: —

Several species of fungi
Fruitage of two species of Trillium
Fruitage Sisyrinchium Bermudiana,
Fruitage of Currant (Ribes)
Fruitage of Monotropa uniflora.